

Converting Colors

Hex(001D8F)

Have a look what the booklet for
Hex(001D8F) contains.

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Color

Hex(001D8F)

Conversions

Conversions Part 1

Format	Color
Hex	001D8F
RGB	0, 29, 143
RGB Percent	0%, 11%, 56%
CMY	1.0000, 0.8863, 0.4392
CMYK	1.00, 0.80, 0.00, 0.44
HSL	228°, 100%, 28%
HSV	228°, 100%, 56%
XYZ	5.3973, 2.8619, 26.2545
YIQ	33.3250, -53.8780, 29.3060

Conversions

Conversions Part 2

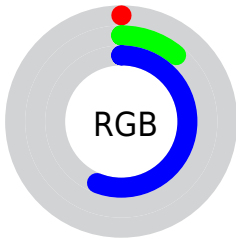
Format	Color
RYB	0, 24, 143
Decimal	7567
CIELab	19.48, 39.24, -63.31
CIELCh	19, 74.484, 301.794
Yxy	2.8619, 0.1564, 0.0829
Android (android.graphics.Color)	4278197647 (0xFF001D8F)
YUV	33.3250, 54.0698, -29.2260
Hunter-Lab	16.9172, 27.3441, -80.1730

Details

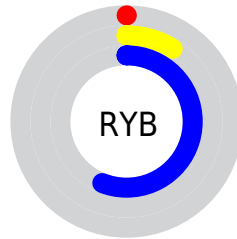
The Hex color **001D8F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F7200**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **554AC6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **001D8F**, and if you desaturate by 10%, it is **0E288F**.

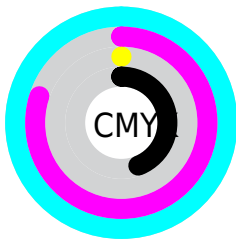
Distribution



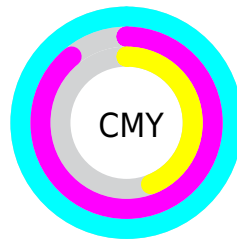
- Red (0%)
- Green (11%)
- Blue (56%)



- Red (0%)
- Yellow (9%)
- Blue (56%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (89%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001D8F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 001D8F by changing the saturation by 10% instead.

■ 001D8F

■ 001D8F

FFFFFF

■ 000875

■ 554AC6

■ 00005B

■ 7363E3

■ 000743

■ 907CFF

■ 00032B

■ AD96FF

■ 000116

■ CBB1FF

■ 000000

■ E9CCFF

■ FFE9FF

■ 001D8F

 0E288F

 1D348F

 2B3F8F

 394B8F

 48568F

 56618F

 646D8F

 72788F

 81848F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0038A1



001D8F



6D0064

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



001D8F



610F00



004131

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



001D8F



8F7200

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003F00



001D8F



382F00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



001D8F



7D0000



003A00



004269

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



001D8F



810041



003A00



00401E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



001D8F



828EBA



008F70



3C435E



DEDEDE



5E5E5E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



001D8F



0026BA



29008F



404247



001B87



000208

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8F001D



BA0026



668F00



474042



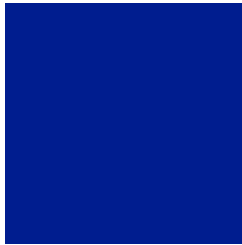
87001B



080002

Previews

White Background



This preview shows how the Hex color 001D8F looks on a white background.

Color Contrast Check

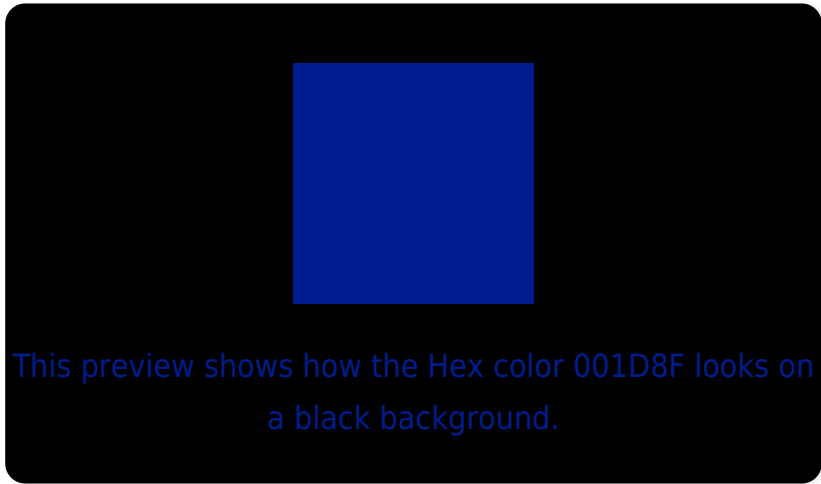
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

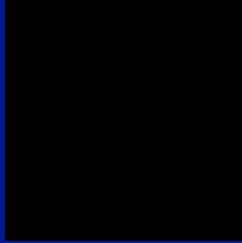
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 001D8F Background



This preview shows how black text looks on a background with the Hex color 001D8F.



This preview shows how white text looks on a background with the Hex color 001D8F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
001D8F

Protanopia
002F63

Deuteranopia
003254



Tritanopia
003639

Trichromacy



Original Color
001D8F

Protanomaly
002873

Deuteranomaly
002A69

Tritanomaly
002D58

Monochromacy



Original Color
001D8F

Achromatopsia
212121

Achromatomaly
152049

CSS Examples

Text

The CSS property to change the color of the text to Hex 001D8F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #001D8F looks like.

```
.text, #text, p{  
    color:#001D8F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #001D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001D8F
}
```

Border

The CSS property to change the border of an element to Hex 001D8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001D8F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#001D8F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #001D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001D8F; -webkit-box-shadow:4px 4px  
4px 4px #001D8F; box-shadow:4px 4px 4px  
4px #001D8F }
```

Background

The CSS property to change the background color of an element to Hex 001D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001D8F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#001D8F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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